

	<p align="center">Dr. N.G.P. ARTS AND SCIENCE COLLEGE (An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore) Approved by Government of Tamil Nadu and Accredited by NAAC with 'A' Grade (2nd Cycle) Dr. N.G.P. – Kalapatti Road, Coimbatore-641048, Tamil Nadu, India Web: www.drngpasc.ac.in Email: info@drngpasc.ac.in Phone: +91-422-2369100</p>	<p align="center">NAAC 3rd Cycle</p> <hr/> <p align="center">Criterion VII Metric 7.1.2</p>
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7.1.2 Alternate Sources of Energy and Energy Conservation Measures

The institution has provision for alternate sources of energy with the aid of generating solar energy along with sensor-based energy conservation / power efficient equipment's and facilities. Apart from this, the institution has installed the LED lights that ensure optimal utilization of energy.

The following are the geotagged photograph for alternate sources of energy and energy conservation measures initiated at the campus:

S. No.	Facilities for alternate source of energy and energy conservation measures	Supporting Documents Pp. No.
1	Solar Energy	02
2	Sensor-based energy conservation: a. Automatic Water Level Sensor b. Sensor based Lights	3-4
		5-8
3	LED Lights	9-10
4	Power efficient equipment facility	11-12


 (Prof. Dr. V. Rajendran)
 PRINCIPAL





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1. Solar Energy



Solar cell panel installed on the terrace of A1 Block



Solar cell panel installed on the terrace of B1 Block



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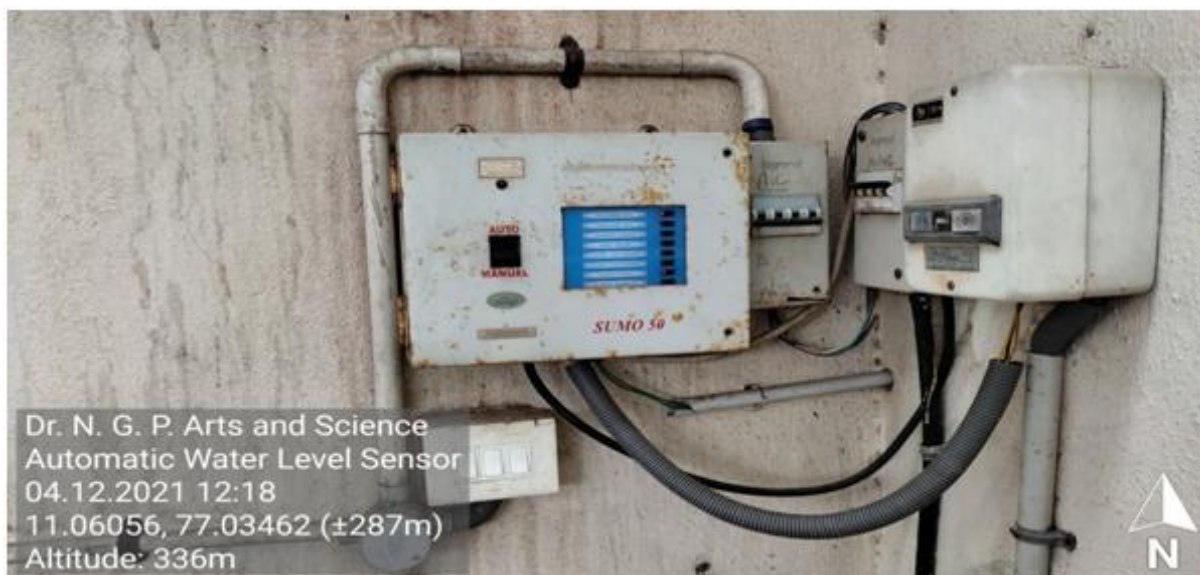
Criterion VII
Metric 7.1.2

2.a. Sensor-based Energy Conservation- Automatic Water Level Sensor



Dr.N.G.P. Arts And Science
Automatic Water Level Sensor
04.12.2021 10:44
11.05885, 77.03354 (± 10 m)
Altitude: 433m

Automatic water level sensor installed for water supply at Boys hostel



Dr. N. G. P. Arts and Science
Automatic Water Level Sensor
04.12.2021 12:18
11.06056, 77.03462 (± 287 m)
Altitude: 336m

Automatic water level sensor installed for B1 Block water supply



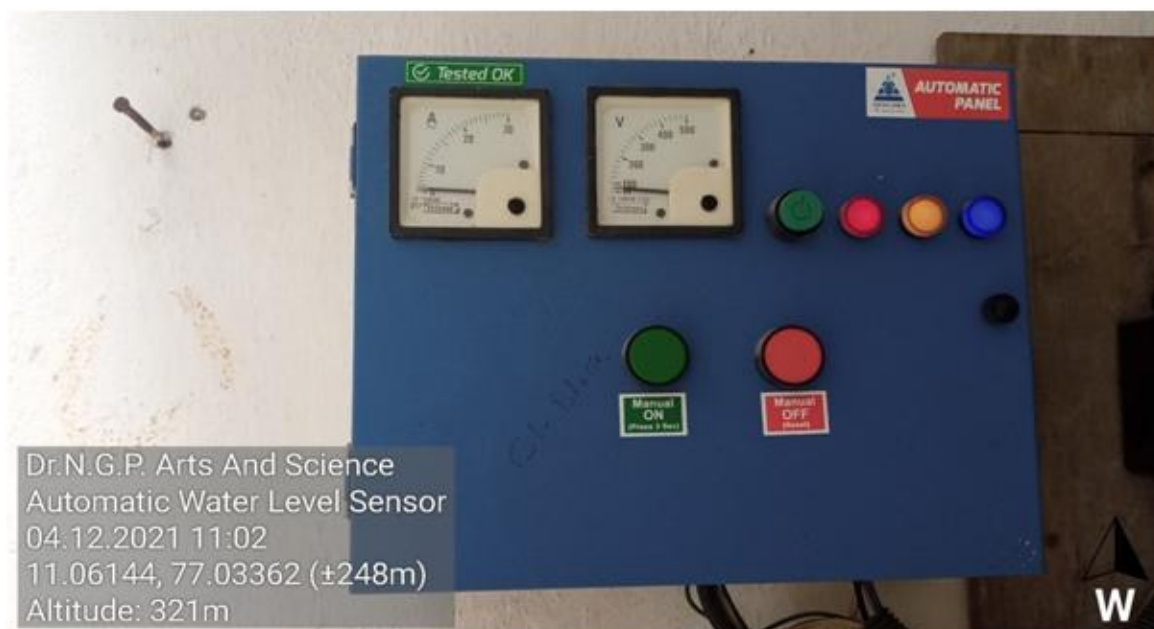


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Automatic water level sensor installed for C1 Block water supply



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2.b. Sensor-based Energy Conservation – LED Lights



Dr.N.G.P.Arts& Science College
Sensor Based Lights
12.12.2021 16:33
11.06128, 77.03444
Main Block, Sharp Nagar, Nehru Nagar West, Tamil Nadu 641004

Sensor-based light at A1 Block- Room No. 104





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Sensor based light (Dim mode) fitted in student rest room at A1 Block



Sensor based light (Bright mode) fitted in student rest room at A1 Block





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Sensor based light (Dim mode) fitted in staff rest room at A1 Block



Sensor based light (Bright mode) fitted in staff rest room at A1 Block





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Sensor based light (Dim mode) fitted in staff rest room at A1 Block



Sensor based light (Bright mode) fitted in staff rest room at A1 Block





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3. LED Lights



LED street light installed in the campus



LED tube lights installed in biochemistry laboratory



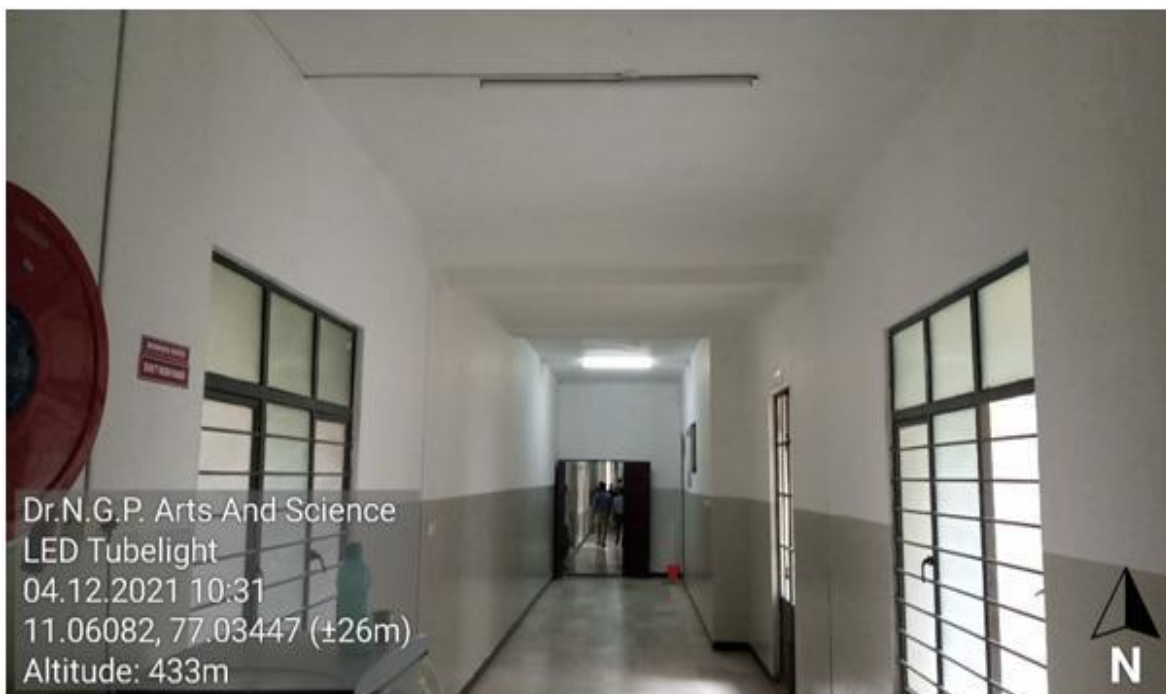


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Metric 7.1.2



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LED Tubelight
04.12.2021 10:31
11.06082, 77.03447 (±26m)
Altitude: 433m

LED tube light in the corridor of B1 Block



Dr. N. G. P. Arts and Science
LED Tube Light
04.12.2021 10:37
11.06083, 77.03448 (±30m)
Altitude: 258m

LED tube light in classroom





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Criterion VII
Metric 7.1.2

4. Power Efficient Equipment



Dr.N.G.P Arts And Science
29.01.2022 10:10
11.06137, 77.03445 (± 11 m)
Altitude: 319m



Cleaning of corridor floor with the battery-operated cleaning equipment



Dr.N.G.P Arts And Science
29.01.2022 08:59
11.062, 77.03401 (± 220 m)
Altitude: 319m



Cleaning of roads with the battery-operated cleaning equipment





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NAAC
3rd Cycle

Criterion VII
Metric 7.1.2



Dr.N.G.P Arts And Science
03.01.2022 14:43
11.0601, 77.03307 ($\pm 24m$)
Altitude: 320m

Battery-operated vehicle for transportation

